

American Journal Of Pharmaceutical Education

Index to February, May, August, and November/December Issues of Volume 43 (1979)

INDEX TO AUTHORS

Abood, R.R., *see* Iovacchini, E.V., 40.

Adams, R.F., *see* Hladik, W.B. III, 27.

Anderson, R.J., Perceptions of pharmacy practice — BS vs. PharmD students, 209.

Anon.

Memorial to Raymond J. Bennett, 159;

Memorial to William Calvin Culpepper Sr., 438;

Memorial to Donald E. Francke, 65;

Memorial to Taito O. Soine, 64.

* * *

Bailey, L.C., A laboratory experiment in pharmaceutical analysis: determination of drugs of abuse in human urine by thin-layer chromatography, 227.

Baker, C.F., Report of the (AFPE) Planning Committee, 151.

Baker, E.W., Overcoming the barriers that prevent community pharmacists from maximizing their contributions to health care, 359.

Baldwin, H.J., Communication apprehension in the pharmacy student, 91.

Baumgartner, R.P. Jr., Overcoming the barriers to pharmacist intervention in problems associated with the use of drugs — institutional pharmacy, 361.

Beardsley, R.S., *see* Fedder, D.O., 127.

Belmonte, A.A., *see* Shroeder, C.C., 16.

Berardi, R.R., Chair report for the Committee on Professional Affairs, 401.

Bergen, J.V., Chair report for the Committee on Government Affairs, 397.

Blomquist, C.A., Memorial to Ernest R. Kirch, 159.

Blomster, R.N., *see* Speedie, M.K., 121.

Brodie, D.C., What knowledge? What skills? (president's section), 427.

Buckley, J.P., Chair report for the Committee on Publications, 406.

Burkett, M., *see* Gwilt, P.R., 124.

Bush, P.J., Where is the public health pharmacist?, 249.

Byrne, J.A., *see* Malone, M.H., 223.

* * *

Campbell, N.A.

Chair report for the Policy Development Committee, 406;

Shared authority, collective bargaining and academic governance: reactor panel remarks (Council of Faculties chairman's section), 59.

Campbell, W.H.

Overcoming the barriers to expanded pharmacy services — pharmaceutical education, 363;

Practitioner-educator faculty: trojan horse or catalyst among the disciplines? (Council of Sections chairman's section), 428.

Capomacchia, A.C., Drug bioavailability data: (un)available, 231.

Church, T.R., The changing role of pharmacists as evidenced by the strong vocational interest blank, 94.

Cyrs, T.E. Jr., *see* Grussing, P.G., 115.

* * *

DeNuzzo, R.V., Shared authority, collective bargaining and academic governance: reactor panel remarks (Council of Faculties chairman's section), 58.

DeSalvo, R.J., *see* Scribner, W., 229.

Devenport, J.K., *see* Lipman, A.G., 214.

Dolinsky, D., Pharmaceutical psychology, 261.

* * *

Evans, R.P., PharmD drug information rotation experience: philosophy, objectives and evaluation, 133.

* * *

Farnsworth, N.R., The present and future of pharmacogenosy, 239.

Fedder, D.O., Preparing pharmacist health educators, 127.

Fisher, Albert B. Jr.

American Foundation for Pharmaceutical Education survey of scientific manpower needs in the pharmaceutical industry, 212;
Minutes of the annual meeting of directors of the American Foundation for Pharmaceutical Education, 149.

Floss, H.G., Critical encounters (Volwiler lecture), 347.

Friedman, B.E., *see* Hladik, W.B. III, 27.

* * *

Gagnon, J.P.

Council activities and progress over the last year (Council of Sections chairman's section), 301;
It's time for faculty teaching awards (Council of Sections chairman's section), 56;
Pharmacy graduates and pharmacy graduate education (Council of Sections chairman's section), 155.

Gerald, M.C., Impact of practice-based instruction on graduate programs in the pharmaceutical sciences — another response, 375.

Gibson, M.R.

From the past (perspective), 335;
On being a professor and onward Association — address of the president-elect, 342.

Golden, A., *see* Johnson, C.A. (KY), 36.

Golod, W.H., Chair report for the Committee on Public Affairs, 405.

Gourley, D.R., Impact of practice-based instruction on graduate programs in the pharmaceutical sciences — a response, 374.

Goyan, J.E.

On admissions (president's section), 55;
On the emergence of women in pharmaceutical education (president's section), 300;
On momentum — address of the president and chairman of the Board, 339;
On teaching and research (president's section), 153.

Grussing, P.G.

Development of behaviorally-anchored rating scales for pharmacy practice, 115;
Mandatory periodic relicensure examinations: alternatives and recommendations, 244;
See McKennell, T.M., 200.

Gwilt, P.R., A student experiment in pharmaceuticals: saliva concentrations of acetaminophen, 124.

* * *

Hadsall, R., *see* Anderson, R.J., 209.

Hart, L.L., A pathophysiology and pharmacotherapeutics course utilizing physicians and clinical pharmacy faculty, 31.

Henderson, M.L., A descriptive survey of woman pharmacy faculty members, 191.

Henson, R.E., *see* Love, D.W., 3.

Hepler, C.D., *see* Schack, D.W., 98.

Herman, C., Revised dispensing cost formula (biblio-errata: 9), 299.

Hightower, W.L., Investigation of an area health education center clinical pharmacy program, 233.

Higuchi, T., Chair report for the Special Committee on Research and Graduate Affairs, 407.

Hladik, W.B. III, Instruction in radiopharmacy — a clinical approach, 27.

Holloway, R.L., The development of a domain-referenced test of pharmacy competence, 112.

Hunter, R.H., *see* Scribner, W., 229.

* * *

Iovacchini, E.V., Academic due process in clinical pharmacy education, 40.

* * *

Jennings, G.H., The pharmacist and human sexuality, 44.

Johnson, C.A. (KY), An integrated pathology-pharmacotherapeutics course for doctor of pharmacy students, 36.

Johnson, C.A. (MN)

Behavioral pharmacy, 257;
See Church, T.R., 94.

Johnson, K.W., *see* Bush, P.J., 249.

Jowdy, A.W., Chair report for the Council of Faculties (Council of Faculties chairman's section), 303.

* * *

Kimberlin, C., *see* Anderson, R.J., 209.

Kinnard, W.J. Jr., Pharmaceutical education and health planning — issues and opportunities. The 1979 AACP Argus Commission report, 385.

Knapp, D.A.

Barriers faced by pharmacists when attempting to maximize their contributions to society, 357;
See Speedie, M.K., 121.

Knutson, T.J., *see* Baldwin, H.J., 91.

Kotzan, J.A.

See Capomacchia, A.C., 231;
Student attitude toward an instructor-directed vs. student-directed method for teaching behavioral pharmacy, 206.

Kulieke, M.J., *see* Purohit, A.A., 11.

* * *

Lee, P.R., Prescription drug use and patient education — the critical role of the pharmacist, 354.

Levchuk, J.W., Use of competency-based experiential instruction to introduce literature-searching skills to pharmacy orientation students, 105.

Lilja, J., Social pharmacy at the University of Uppsala, Sweden, 236.

Lipman, A.G.

Development of program guidelines for community and institutional externships, 217;
An integrated, competency-based, clinical curriculum for Doctor of Pharmacy students, 214.

Locke, S.J., Expanding the role of the pharmacist in the modern health-care team, 365.

Love, D.W., Controlled evaluation of videotaped interviewing for instruction of pharmacy students, 3.

Lowenthal, W., Relationships among student preadmission characteristics, NABPLEX scores, and academic performance during later years in pharmacy school, 7.

* * *

McCroskey, J.C., *see* Baldwin, H.J., 91.

McEvilla, J.D., Chair report for the Committee on Finance, 396.

McKennell, T.M., Measuring outcomes of a pharmacy continuing education program, 200.

McMahon, J.D., *see* Lipman, A.G., 217.

Malone, M.H.

Instructions to authors (editor's section), 60;
The *Journal's* peer reviewers — bless them! (editor's section), 431;
Meet the president: Melvin R. Gibson, 336;

- Multidimensional screening as a pharmacology laboratory experience, 223;
The new editor: George H. Cocolas (editor's section), 304;
Report of the *Journal* editor, 383.
- Manasse, H.R., *see* Purohit, A.A., 11.
- Masten, L.W., A graduate program in toxicology: administrative and educational benefits of intradepartmental management, 23.
- Mergener, M.A., Motivations of pharmacists for participating in continuing education, 195.
- Miya, T.S., *see* Kinnard, W.J. Jr., 385.
- Moleski, R.J., *see* Snodgrass, G.L., 142.
- Morse, D., *see* Gwilt, P.R., 124.
- Moskalyk, R.E., Greetings from the Association of Faculties of Pharmacy of Canada, 345.
- * * *
- Needham, T.E. Jr., *see* Capomacchia, A.C., 231.
- Nona, D.A., Annual report to the public and to the sponsors of the American Council on Pharmaceutical Education, 146.
- * * *
- Ohvall, R.A., Shared authority, collective bargaining and academic governance: reactor panel remarks (Council of Faculties chairman's section), 57.
- Orr, J.E., Memorial to L. Wait Rising, 439.
- * * *
- Palmieri, A. III
Multivariate prediction of academic success of transfer students. II:
Evaluation of the predictor equations, 110; Corrigendum, 330;
An undergraduate experiment in biopharmaceutics: serum and urine bioavailability of ampicillin, 21.
- Parker, C.L., *see* Love, D.W., 3.
- Parker, P.R., *see* Johnson, C.A. (KY), 36.
- Parsons, D.L., A simple method for the qualitative and quantitative evaluation of research publications, 42.
- Petersen, R.V., *see* Kinnard, W.J. Jr., 385.
- Petiprin, D.J., *see* Gwilt, P.R., 124.
- Piepho, R.W., Chair report for the Committee on Bylaws, 395.
- Pierce, O.L., *see* Wells, P.R., 203.
- Primack, K.M., Annual report of the (AACP) Office of Public Affairs, 382.
- Purohit, A.A., Student withdrawal rates in terms of aspects of self-directed/regular students, 11.
- * * *
- Rhodes, B.A., *see* Hladik, W.B. III, 27.
- Riegelman, S., Chair report for the Committee on Academic Affairs, 391.
- Rodowskas, C.A. Jr.
Minutes of the AACP Board of Directors, 52 (interim, October 13, 1978); 294 (interim, March 31, 1979); 409 (presession, July 6, 1979); 413 (postsession, July 12, 1979);
Report of the executive director, 378.
- Roscoe, C.W., The structure of chlorazepate dipotassium (bibliography: 8), 152.
- Rowland, C.R., *see* Church, T.R., 94.
- * * *
- Schack, D.W., Modifications of Hall's professionalism scale for use with pharmacists, 98.
- Schlegel, J.F.
Annual report of the (AACP) Office of Student Affairs, 380;
Enrollment report on graduate degree programs, fall 1978, 280;
- Enrollment report on professional degree programs in pharmacy, fall 1978, 266.
- Schroeder, C.C., The influence of residential environment on pre-pharmacy student achievement, 16.
- Schumacher, G.E., Impact of practice-based instruction on graduate programs in the pharmaceutical sciences, 371.
- Scribner, W., Pharmaceutical sales — an experiential learning elective course, 229.
- Sharpe, T.R., *see* Smith, M.C., 19.
- Silzer, R.F., *see* Grussing, P.G., 115.
- Small, S.F., *see* Malone, M.H., 223.
- Smith, M.C., A test of knowledge of contraceptive methods: pharmacists and pharmacy students, 19.
- Smith, M.K., *see* Jennings, G.H., 44.
- Snodgrass, G.L., The process approach to clinical pharmacy orientation — four years' experience, 142.
- Snow, B., Drug information requests at the Philadelphia College of Pharmacy and Science, 130.
- Solander, L.
Annual report of the (AACP) Office of Educational Research and Development, 381;
Degrees conferred by schools and colleges of pharmacy for the academic year 1977-78, 45; 1978-79, 420.
- Sorby, D.L., Chair report for the Council of Deans, 384.
- Speedie, M.K., Antibiotic prescribing review as a component of an infectious disease course, 121.
- Sperandio, G.J., Memorial to Glenn L. Jenkins, 158.
- Spratto, G.R., Action or reaction? (Council of Faculties chairman's section), 430.
- Stark, D.G., Annual report of the (AFPE) treasurer, 150.
- Storm, J.G. Jr.
See Capomacchia, A.C., 231;
See Parsons, D.L., 42.
- Svarstad, B.L., Pharmaceutical sociology: issues in research, education and service, 252.
- * * *
- Weaver, L.C., *see* Kinnard, W.J. Jr., 385.
- Weinswig, M.H., *see* Mergener, M.A., 195.
- Wells, P.R., Comparative analysis of the Black pharmacy graduates of a predominantly Black school of pharmacy, 203.
- Wergin, J.F., *see* Löwenthal, W., 7.
- Wertheimer, A.I.
Chair report for the Special Committee Planning the 1980 International Pharmacy Education Congress, 408;
See Church, T.R., 94;
See Johnson, C.A. (MN), 257.
- Wetherbee, H., *see* Smith, M.C., 19.
- White, A.I., *see* Kinnard, W.J. Jr., 385.
- Wiederholt, J.B., *see* Kotzan, J.A., 206.
- Wiese, H.J., *see* Love, D.W., 3.
- Wintter, J.E., Memorial to Woodrow R. Byrum, 159.
- * * *
- Yanchick, V.A., *see* Hightower, W.L., 233.
- * * *
- Zabloski, E., *see* Herman, C., 299.
- Zografi, G., Impact of practice-based instruction on graduate programs in the pharmaceutical sciences, 367.

INDEX TO SUBJECTS AND TITLES

- Academic Affairs, Chair report for the Committee on, S. Riegelman, 391.
- Academic due process in clinical pharmacy education, E.V. Iovacchini and R.R. Abood, 40.
- Academic governance, collective bargaining and shared authority: reactor panel remarks (Council of Faculties chairman's section), R.A. Ohvall, 57; R.V. DeNuzzo, 58; N.A. Campbell, 59.
- Academic performance during later years in pharmacy school, Relationships among student preadmission characteristics, NABPLEX scores and, W. Lowenthal and J.F. Wergin, 7.
- Academic success of transfer students, Multivariate prediction of. II: Evaluation of the predictor equations, A. Palmieri III, 110; Corrigendum, 330.
- Accredited schools and colleges of pharmacy in the United States holding membership in the AACP, 418.
- Acetaminophen, saliva concentrations of: A student experiment in pharmaceuticals, P.R. Gwilt *et al.*, 124.
- Achievement (prepharmacy student), The influence of residential environment on, C.C. Shroeder and A.A. Belmonte, 16.
- Action or reaction? (Council of Faculties chairman's section), G.R. Spratto, 430.
- Address (of the)
President and chairman of the Board — On momentum, J.E. Goyan, 339;
President-elect — On being a professor and onward Association, M.R. Gibson, 342.
- Administrative and educational benefits of intradepartmental management: A graduate program in toxicology, L.W. Masten, 23.
- Admissions, On (president's section), J.E. Goyan, 55.
- Advertisements
American Association of Colleges of Pharmacy, 88, 187, 332, 476;
American Foundation for Pharmaceutical Education, 186, 331, 475;
Pharmacy Management, Philadelphia College of Pharmacy and Science, 87.
- American Association of Colleges of Pharmacy (Inc.)
Argus Commission report (1979). Pharmaceutical education and health planning — issues and opportunities, W.J. Kinnard Jr., *et al.*, 385;
Board of Directors, Minutes of the, C.A. Rodowskas Jr., 52 (interim, October 13, 1978); 294 (interim, March 31, 1979); 409 (presession, July 6, 1979); 413 (post-session, July 12, 1979);
Bylaws (modifications of document dated September 1, 1977 and appearing in the *Journal*, 41, 512 1977), 395;
Committee
Appointments (1979-80), 414;
Reports. *See* names of the individual committees, or *see* report (chair) for the committee on;
Delegate appointments (1979-80) 414;
Election results (1979-80), 435;
Executive director, Report of the, C.A. Rodowskas Jr., 378;
House of Delegates approved documents (1980)
Admission of handicapped students, 401;
Model clinical pharmacy education and training agreement, 402;
Pharmacy supportive personnel, 403;
Priorities of pharmaceutical education in response to national health needs, 399;
Issues X, Y and Z, conversion to identification by year of introduction, 413;
Office (of)
Educational Research and Development, Annual report of the, L. Solander, 381;
Public Affairs, Annual report of the, K.M. Primack, 382;
Student Affairs, Annual report of the, J.F. Schlegel, 380;
President's section, 55, 153, 300, 427;
Proceedings of the 80th Annual Meeting, Denver CO, 339;
Publications available from the (advertisement), 88, 187, 332, 476;
Roster of voting delegates in attendance at the 80th Annual Meeting (1979) 417;
Schools and colleges in the United States holding membership in the, 418.
- American Council on Pharmaceutical Education, Annual report to the public and to the sponsors of the, D.A. Nona, 146.
- American Foundation for Pharmaceutical Education
Annual report of the treasurer, D.G. Stark, 150;
The important work will go on (advertisement), 186, 331, 475;
Minutes of the annual meeting of directors of the, A.B. Fisher Jr., 149;
Report of the planning committee, C.F. Baker, 151;
Survey of scientific manpower needs in the pharmaceutical industry, A.B. Fisher Jr., 212.
- American Journal of Pharmaceutical Education*
Instructions to authors (editor's section), M.H. Malone, 60;
The new editor: George H. Cocolas (editor's section), M.H. Malone, 304;
The peer reviewers (of manuscripts) — bless them! (editor's section), M.H. Malone, 431;
Report of the editor of (1979), M.H. Malone, 383.
- Ampicillin, serum and urine bioavailability of: An undergraduate experiment in biopharmaceutics, A. Palmieri III, 21.
- Analysis (Comparative) of the Black pharmacy graduates of a predominantly Black school of pharmacy, P.R. Wells and O.L. Pierce, 203.
- Announcements (general), 62, 156, 305, 435.
- Annual report
Of the (AFPE) treasurer, D.G. Stark, 150;
Of the (AACP) Office of Educational Research and Development, L. Solander, 381;
Of the (AACP) Office of Public Affairs, K.M. Primack, 382;
Of the (AACP) Office of Student Affairs, J.F. Schlegel, 380;
To the public and to the sponsors of the American Council on Pharmaceutical Education, D.A. Nona, 146.

- Antibiotic prescribing review as a component of an infectious disease course, M.K. Speedie *et al.*, 121.
- Apprehension (Communication) in the pharmacy student, H.J. Baldwin *et al.*, 91.
- Area health education center clinical pharmacy program, Investigation of an, W.L. Hightower and V.A. Yanchick, 233.
- Argus Commission report (1979). Pharmaceutical education and health planning — issues and opportunities, W.J. Kinnard Jr. *et al.*, 385.
- Association of Faculties of Pharmacy of Canada, Greetings from the, R.E. Moskalyk, 345.
- Attitude (Student) toward an instructor-directed vs. student-directed method for teaching behavioral pharmacy, J.A. Kotzan and J.B. Wiederholt, 206.
- Award(s)
(AAPC), Announcement of
Lyman (1979), 306;
Student Public Affairs Program, 405;
Volwiler (1979), 306;
And grants, 67, 162, 311, 442.
* * *
- Barriers
Faced by pharmacists when attempting to maximize their contribution to society, D.A. Knapp, 357;
That prevent community pharmacists from maximizing their contributions to health care, Overcoming the, E.W. Baker, 359;
To expanded pharmacy services, Overcoming the — pharmaceutical education, W.H. Campbell, 363;
To pharmaceutical intervention in problems associated with the use of drugs, Overcoming the — institutional pharmacy, R.P. Baumgartner Jr., 361.
- Behavioral pharmacy
—, C.A. Johnson (MN) and A.I. Wertheimer, 257;
Student attitude toward an instructor-directed vs student-directed method for teaching, J.A. Kotzan and J.B. Wiederholt, 206.
- Behaviorally-anchored rating scale(s)
Development (of)
For pharmacy practice, P.G. Grussing *et al.*, 115;
Program guidelines for community and institutional externships, A.G. Lipman and J.D. McMahon, 217;
An integrated, competency-based, clinical curriculum for doctor of pharmacy students, A.G. Lipman and J.K. Devenport, 214.
- Bennett, Raymond J., Memorial to, Anon., 159.
- Biblio-errata
8. The structure of chlorazepate dipotassium, C.W. Roscoe, 152;
9. Revised dispensing cost formula, C. Herman and E. Zabloski, 299.
- Bioavailability (Drug) data: (un)available, A.C. Capomacchia *et al.*, 231.
- Biopharmaceutics, An undergraduate experiment in: serum and urine bioavailability of ampicillin, A. Palmieri III, 21.
- Black pharmacy graduates of a predominantly Black school of pharmacy, Comparative analysis of the, P.R. Wells and O.L. Pierce, 203.
- Book reviews, 69, 164, 314, 445.
- Books (New), 83, 182, 328, 459.
- Books reviewed
Acetylcholine synthesis in neurons, 168;
Advances in biochemical psychopharmacology, Vol. 19 (*Dopamine*), 322; Vol. 20 (*Neurochemical mechanisms of opiates and endorphins*), 452;
Advances in experimental medicine and biology, Vol. 102 (*Thrombosis: animal and clinical models*), 173;
Advances in modern toxicology, Vol. 2 (*Toxicology of trace elements*), 75; Vol. 3 (*Environmental cancer*), 181;
Advances in perinatal neurology, Vol. 1, 456;
Advances in pharmacology and chemotherapy, Vol. 15, 75; Vol. 16, 451;
Advances in pharmacology and therapeutics, Vol. 2 (*Neurotransmitters*), 452; Vol. 7 (*Biochemical-clinical pharmacology*), 448;
Advances in prostaglandin and thromboxane research, Vol. 5 (*Methods in prostaglandin research*), 318;
Adverse response to intravenous drugs, 178;
Aging, Vol. 9 (*Neuropsychiatric side effects of drugs in the elderly*), 456;
The alkaloids: the fundamental chemistry — a biogenetic approach (*Studies in organic chemistry*, Vol. 7), 447;
American Chemical Society (ACS) symposium series: 83 (*Diuretic agents*), 167; 84 (*Retrieval of medicinal chemical information*), 167;
Amino acid determination: methods and techniques, 167;
Analytical profiles of drug substances, Vol. 6, 71; Vol. 7, 72;
Annual review of pharmacology and toxicology, Vol. 19, 453;
Applied therapeutics for clinical pharmacists, 174;
Archives of toxicology, Suppl. 2 (*Mechanism of toxic action on some target organs: drugs and other substances*), 453;
Automated immunoanalysis, 74;
Basics of radiopharmacy, 71;
Best & Taylor's physiological basis of medical practice, 448;
Biochemical mechanisms of paraquat toxicity, 75;
Biochemical-clinical pharmacology (*Advances in pharmacology and therapeutics*, Vol. 7), 448;
Biochemistry, 168;
Blood drugs and other analytical challenges (*Methodological surveys in biochemistry*, Vol. 7), 447;
Calcium in drug action, 75;
Cancer drug development, Part B (*Methods in cancer research*, Vol. 17), 319;
Carcinogenesis and mutagenesis (*Proceedings of the conference on the status of predictive tools in application to safety evaluation: present and future*), 181;
Cardiovascular effects on mood-altering drugs, 323;
Central mechanisms of anorectic drugs, 77;
Central nervous system pharmacology: a self-instruction text, 321;
Chemical stability of pharmaceuticals, 316;
Chemical technology review, No. 111 (*Cosmetics, toiletries and health care products: recent developments*), 71; No. 124 (*Pharmaceutical manufacturing encyclopedia*), 315;
The chemistry of antitumor antibiotics, Vol. 1, 318;
The chemistry of the tetracycline antibiotics (*Medicinal research series*, Vol. 9), 319;
Chromatographic science, Vol. 9 (*GLC and HPLC determination of therapeutic agents, Part 2*), 448;
Cell membrane receptors for drugs and hormones: a multidisciplinary approach, 170;
Clinical education for the allied health professions, 80;
Comparative endocrinology of prolactin, 321;
Containing costs in third-party drug programs: selected bibliography and abstracts, 316;
Cosmetics, toiletries and health care products: recent developments (*Chemical technology review* No. 111), 71;
Critical concerns in the field of drug abuse (*Proceedings of the Third National Drug Abuse Conference Inc.*, New York NY, 1976, 176;
Current developments in psychopharmacology, Vol. 5, 452;
Dangerous plants, snakes, arthropods and marine life — toxicity and treatment, 325;
Dangerous properties of industrial materials, 326;
Diuretic agents (*ACS symposium series: 83*), 167;
Dopamine (*Advances in biochemical psychopharmacology*, Vol. 19), 322;
Drug abuse: modern trends, issues and perspectives, 76;
Drug dependence: current problems and issues, 177;
Drug design, Vol. 8 (*Medicinal chemistry*, Vol. 11), 317;
Drug disposition in humans, the basis of clinical pharmacology, 323;
Drug interactions index 1978/79, 178;
Drugs and the pharmaceutical sciences, Vol. 6 (*Sustained and controlled release drug delivery systems*), 165;
Drugs of choice, 1978-1979, 82;
Environmental cancer (*Advances in modern toxicology*, Vol. 3), 181;
Environmental carcinogens — selected methods of analysis. Vol. 1: Analysis of volatile nitrosamines in food (*IARC scientific publication No. 18*), 180; Vol. 2; *Methods for the measurement of vinyl chloride in air, water and foodstuffs* (*IARC scientific publication No. 22*), 458;
Essentials of drug product quality: concepts

- and methodology, 70;
Essentials of toxicology, 179;
Evaluating clinical competence in the health professions, 69;
Factors affecting the action of narcotics, 76;
The family prescription and medication guide, 445;
Forensic toxicology: controlled substances and dangerous drugs, 457;
Foundations of molecular pharmacology. Vol. 1: Medicinal and pharmaceutical chemistry, 449; Vol. 2: *The chemical basis of drug action*, 450;
GLC and HPLC determination of therapeutic agents, Part 2 (Chromatographic science, Vol. 9), 448;
A guide to education for the health professions, 445;
Hagers Handbuch der Pharmazeutischen Praxis: für Apotheker, Arzneimittelhersteller, Ärzte und Medizinalbeamte, Vol. 6: Chemikalien und Drogen, Part B: R-S, 446;
Handbook of aerosol technology, 315;
Handbook of psychopharmacology. Vol. 9: Chemical pathways in the brain, 78; Vol. 12: *Drugs of abuse*, 79; Vol. 13: *Biology of mood and anti-anxiety drugs*, 172; Vol. 14: *Affective disorders: drug actions in animals and man*, 79;
Hazardous and toxic substances, Vol. 2 (Toxicity of heavy metals in the environment, Part 2), 326;
Hazards from toxic chemicals (Proceedings of the second annual conference on the status of predictive tools in application to safety evaluation), 181;
Hazards of medication, 177;
Hepatitis viruses (Proceedings of the international symposium on hepatitis viruses held November 18-20, 1976, Tokyo), 320;
Horizons in biochemistry and biophysics, Vol. 3, 169; Vol. 5, 73;
How to write and publish a scientific paper, 445;
Immunodiagnosis of cancer, Part 1 (Immunology series, Vol. 9), 319;
Immunology, 74;
Immunology series, Vol. 9 (Immunodiagnosis of cancer Part 1), 319;
International Agency for Research on Cancer (IARC) monographs on the evaluation of the carcinogenic risk of chemicals to humans. Vol. 17: Some N-nitroso compounds, 179; Vol. 18: *Polychlorinated biphenyls and polybrominated biphenyls*, 327; Vol. 19: *Some monomers, plastics and synthetic elastomers, and acrolein*, 458;
International Agency for Research on Cancer (IARC) scientific publications No. 18 (Environmental carcinogens - selected methods of analysis. Vol. 1: Analysis of volatile nitrosamines in food), 180; No. 19 (*Environmental aspects of N-nitroso compounds*), 180; No. 22 (*Environmental carcinogens - selected methods of analysis. Vol. 2: Methods for the measurement of vinyl chloride in air, water, and foodstuffs*), 458;
Introduction to human disease, 324;
An introduction to microscopy by means of light, electrons, X-rays, or ultrasound, 166;
Introduction to physical assessment and clinical laboratory medicine, 324;
Kroc Foundation series, Vol. 10 (Propranolol and schizophrenia), 77;
Law and the mental health professions, 80;
Manual of ambulatory medicine, 457;
Manual of dermatologic therapeutics: with essentials of diagnosis, 175;
Manual of emergency medical therapeutics, 325;
Manual of medicinal therapeutics, 175;
Marine natural products: chemical and biological perspectives, Vol. 1, 72;
Mechanism of toxic action on some target organs: drugs and other substances (Archives of toxicology, Suppl. 2) 453;
Medicinal chemistry, Vol. 11 (Drug design, Vol. 8), 317;
Medical pharmacology, 173;
Medicinal research series, Vol. 9 (The chemistry of the tetracycline antibiotics), 319;
Medicines and drugs: problems and risks, use and abuse, 323;
Membrane mechanisms of drugs of abuse (Progress in clinical and biological research, Vol. 27), 454;
Methodological surveys in biochemistry, Vol. 7 (Blood drugs and other analytical challenges), 447;
Methods in cancer research, Vol. 17 (Cancer drug development, Part B), 319;
Methods in prostaglandin research (Advances in prostaglandin and thromboxane research, Vol. 5), 318;
Mode of action of autonomic drugs, 322;
Modern pharmacology-toxicology, Vol. 12 (Noncatecholic phenylethylamines, Part 1. Phenylethylamine: biological mechanisms and clinical aspects), 172;
Mycotoxic fungi, mycotoxins, mycotoxicoses: an encyclopedic handbook. Vol. 3, Mycotoxicoses of man and plants: mycotoxin control and regulatory aspects, 179;
Neurochemical mechanisms of opiates and endorphins (Advances in biochemical psychopharmacology, Vol. 20), 452;
Neuropharmacology of cyclic nucleotides, 451;
Neuropsychiatric side effects of drugs in the elderly (Aging, Vol. 9), 456;
Neurotransmitters (Advances in pharmacology and therapeutics, Vol. 2), 452;
New trends and developments in vaccines, 166;
Noncatecholic phenylethylamines, Part 1. Phenylethylamine: biological mechanisms and clinical aspects (Modern pharmacology-toxicology, Vol. 12), 172;
The office-based family pharmacist, 164;
Oxford chemistry series, Vol. 29 (Primary metabolism: a mechanistic approach), 72;
The pharmaceutical codex, 459;
Pharmaceutical manufacturing encyclopedia (Chemical technology review, No. 124), 315;
Pharmacological and biochemical properties of drug substances, Vol. 1, 82; Vol. 2, 327;
Pharmacy in health care and institutional systems, 70;
Pharmacy law and ethics, 316;
Physiological basis of medical practice, Best & Taylor's, 448;
Polychlorinated biphenyls and polybrominated biphenyls (IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans, Vol. 18), 327;
Polydrug abuse: The results of a national collaborative study, 455;
Practical antimicrobial therapy, 81;
Primary metabolism: a mechanistic approach (Oxford chemistry series, Vol. 29), 72;
Principles and perspectives in drug bioavailability, 165;
Principles of drug information services: a syllabus of systematic concepts, 315;
Principles of organic stereochemistry (Studies in organic chemistry, Vol. 6), 317;
Principles of solution and solubility (Undergraduate chemistry, Vol. 5), 165;
Proceedings of the conference on the status of predictive tools in application to safety evaluation: present and future (Carcinogenesis and mutagenesis), 181;
Proceedings of the international symposium on hepatitis viruses held November 18-20, 1976, Tokyo (Hepatitis viruses), 320;
Proceedings of the second annual conference on the status of predictive tools in application to safety evaluation (Hazards from toxic chemicals), 181;
Proceedings of the Third National Drug Abuse Conference Inc., New York NY, 1976 (Critical concerns in the field of drug abuse), 176;
Progress in clinical and biological research, Vol. 27 (Membrane mechanisms of drugs of abuse), 454;
Progress in clinical pharmacology, 455;
Propranolol and schizophrenia (Kroc Foundation series, Vol. 10), 77;
Psychopharmacology: from theory to practice, 171;
Psychopharmacology of thiothixene, 77;
Rational management of diabetes, 80;
Receptors and recognition, Series B, Vol. 5 (Taxis and behavior: elementary sensory systems in biology), 320;
The release of catecholamines from adrenergic neurons, 322;
Respiratory pharmacology and therapeutics, 173;
Retrieval of medicinal chemical information (ACS symposium series: 84), 167;
Reviews of physiology, biochemistry and pharmacology, Vol. 82, 170; Vol. 83, 169;
Schizophrenia: theory, diagnosis and treatment, 174;
Secondary metabolism, 73;
Serotonin in health and disease. Vol. 1: Availability, localization and disposition, 170; Vol. 3: *The central nervous system*, 171;

- Side effects of drugs annual 3*, 456;
Some monomers, plastics and synthetic elastomers, and acrolein (IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans, Vol. 19), 458;
Some N-nitroso compounds (IARC monographs on the evaluation of the carcinogenic risks of chemicals to humans, Vol. 17), 179.
- Sterile dosage forms*, 314;
Studies in organic chemistry, Vol. 6 (Principles of organic stereochemistry), 317;
Vol. 7 (The alkaloids: the fundamental chemistry — a biogenetic approach), 447;
Sustained and controlled release drug delivery systems (Drugs and the pharmaceutical sciences, Vol. 6), 165;
Taxis and behavior: elementary sensory systems in biology (Receptors and recognition, Series B, Vol. 5), 320;
Textbook of biopharmaceutics and clinical pharmacokinetics, 314;
Thrombosis: animal and clinical models (Advances in experimental medicine and biology, Vol. 102), 173;
Topics in hormone chemistry, Vol. 1, 72;
Toxicity of heavy metals in the environment. Part 1, 180; *Part 2*, 326;
Toxicology annual, Vol. 3, 325;
Toxicology of trace elements (Advances in modern toxicology, Vol. 2), 75;
Undergraduate chemistry, Vol. 5 (Principles of solution and solubility), 165;
Vitamins: synthesis, production and use. Advances since 1970, 166.
- Bylaws, Chair report for the Committee on, R.W. Piepho, 395.
- Byrum, Woodrow R., Memorial to J.E. Wintter, 159.
- * * *
- Chairman of the (AACP) Board (of Directors). See president (AACP).
- Changes in staff titles, 63, 156, 306, 435.
- Changing role (The) of pharmacists as evidenced by the strong vocational interest blank, T.R. Church *et al.*, 94.
- Chromatography (thin-layer), determination of drugs of abuse in human urine by: A laboratory experiment in pharmaceutical analysis, L.C. Bailey, 227.
- Clinical approach (a) — Instruction in radiopharmacy, W.B. Hladik III *et al.*, 27.
- Clinical pharmacy
 Education, Academic due process in, E.V. Iovacchini and R.R. Aboud, 40;
 Faculty, A pathophysiology and pharmacotherapeutics course utilizing physicians and, L.L. Hart, 31;
 Investigation of an area health education center program, W.L. Hightower and V.A. Yanchick, 233;
 Model education and training agreement (House of Delegates approved document), 402;
 Orientation, The process approach to — four years' experience, G.L. Snodgrass and R.J. Moleski, 142.
- Clorazepate dipotassium, The structure of (biblio-errata: 8), C.W. Roscoe, 152.
- Cocolas, George H., The new editor (editor's section), M.H. Malone, 304.
- Collective bargaining, academic governance and shared authority: reactor panel remarks (Council of Faculties chairman's section), R.A. Ohvall, 57; R.V. DeNuzzo, 58; N.A. Campbell, 59.
- College(s) of pharmacy
 (Accredited) in the United States holding membership in the AACP, 418;
 Degrees conferred by for the academic year 1977-78, L. Solander, 45; 1978-79, L. Solander, 420;
 Enrollment report (on)
 Graduate degree programs, fall 1978, J.F. Schlegel, 280;
 Professional degree programs in pharmacy, fall 1978, J.F. Schlegel, 266.
- Committee reports (AACP). See report (chair) for the committee on, or see names of the individual committees, or see inclusive pages 391-408.
- Communication apprehension in the pharmacy student, H.J. Baldwin *et al.*, 91.
- Comparative analysis of the Black pharmacy graduates of a predominantly Black school of pharmacy, P.R. Wells and O.L. Pierce, 203.
- Competence (pharmacy), The development of a domain-referenced test of, R.L. Holloway, 112.
- Competency(ies)
 Development (of)
 Behaviorally-anchored rating scales for pharmacy practice, P.G. Grussing *et al.*, 115;
 Program guidelines for community and institutional externships, A.G. Lipman and J.D. McMahon, 217;
 Instruction in radiopharmacy — a clinical approach, W.B. Hladik III *et al.*, 27;
 An integrated, competency-based, clinical curriculum for doctor of pharmacy students, A.G. Lipman and J.K. Devenport, 214;
 (Pharmacy), The development of a domain-referenced test of, R.L. Holloway, 112;
 PharmD drug information rotation experience: philosophy, objectives and evaluation R.P. Evens, 133.
- Competency-based clinical curriculum (An integrated) for doctor of pharmacy students, A.G. Lipman and J.K. Devenport, 214.
- Competency-based experiential instruction, Use of to introduce literature-searching skills to pharmacy orientation students, J.W. Levchuk, 105.
- Continuing education
 Measuring the outcomes of a pharmacy program, T.M. McKennell and P.G. Grussing, 200;
 Motivation of pharmacists for participating in, M.A. Mergener and M.H. Weinswig, 195.
- Contraceptive methods, A test of knowledge of: pharmacists and pharmacy students, M.C. Smith *et al.*, 19.
- Controlled evaluation of videotaped interviewing for instruction of pharmacy students, D.W. Love *et al.*, 3.
- Corrigendum, 330.
- Council of Deans, Chair report for the, D.L. Sorby, 384.
- Council of Faculties
 Chair report for the, A.W. Jowdy, 303;
 (Chairman's section)
 Action or reaction?, G.R. Spratto, 430;
 Chair report for the Council of Faculties, A.W. Jowdy, 303;
 Shared authority, collective bargaining and academic governance: reactor panel remarks, R.A. Ohvall, 57; R.V. DeNuzzo, 58; N.A. Campbell, 59.
- Council of Sections
 Activities and progress over the last year (Council of Sections chairman's section), J.P. Gagnon, 301;
 (Chairman's section)
 Council activities and progress over the last year, J.P. Gagnon, 301;
 It's time for faculty teaching awards, J.P. Gagnon, 56;
 Pharmacy graduates and pharmacy graduate education, J.P. Gagnon, 155;
 Practitioner-educator faculty: trojan horse or catalyst among the disciplines?, W.H. Campbell, 428.
- Course(s)
 (An experiential learning elective), Pharmaceutical sales, W. Scribner *et al.*, 229;
 (Infectious disease), Antibiotic prescribing review as a component of an, M.K. Speedie *et al.*, 121;
 Instruction in radiopharmacy — a clinical approach, W.B. Hladik III *et al.*, 27;
 (Pathology-pharmacotherapeutics) for doctor of pharmacy students, C.A. Johnson (KY) *et al.*, 36;
 (Pathophysiology and pharmacotherapeutics) utilizing physicians and clinical pharmacy faculty, L.L. Hart, 31.
- Critical encounters (Volwiler Lecture), H.G. Floss, 347.
- Culpepper, William Calvin, Memorial to, Anon., 438.
- Curriculum (An integrated, competency-based, clinical) for doctor of pharmacy students, A.G. Lipman and J.K. Devenport, 214.
- * * *
- Degrees conferred by schools and colleges of pharmacy for the academic year 1977-78, L. Solander, 45; 1978-79, L. Solander, 420.
- Descriptive survey (A) of women pharmacy faculty members, M.L. Henderson, 191.
- Detail men (drug), selection of (perspective), M.R. Gibson, 335.
- Development (of)
 Behaviorally-anchored rating scales for pharmacy practice, P.G. Grussing *et al.*, 115;
 A domain-referenced test of pharmacy competence, R.L. Holloway, 112;

- Program guidelines for community and institutional externships, A.G. Lipman and J.D. McMahon, 217.
- Discrimination (sexual), A descriptive survey of women pharmacy faculty members, M.L. Henderson, 191.
- Dispensing cost formula, Revised (bibliography: 9), C. Herman and E. Zabloski, 299.
- Domain-referenced test of pharmacy competence, The development of a, R.L. Holloway, 112.
- Drug detail men, selection of (perspective), M.R. Gibson, 335.
- Drug information
- Requests at the Philadelphia College of Pharmacy and Science, B. Snow, 130;
 - Rotation (PharmD) experience: philosophy, objectives and evaluation, R.P. Evens, 133.
- Drugs(s)
- Bioavailability data: (un)available, A.C. Capomacchia *et al.*, 231;
 - Multidimensional screening as a pharmacology laboratory experience, M.H. Malone *et al.*, 233;
 - Of abuse, determination of in human urine by thin-layer chromatography: A laboratory experiment in pharmaceutical analysis, L.C. Bailey, 227.
- Due process (Academic) in clinical pharmacy education, E.V. Iovacchini and R.R. Abood, 40.
- * * *
- Editor's section
- Instructions to authors, M.H. Malone, 60;
 - The *Journal's* peer-reviewers — bless them!, M.H. Malone, 431;
 - The new editor: George H. Cocolas, M.H. Malone, 304.
- Education
- (Clinical pharmacy), Academic due process in, E.V. Iovacchini and R.R. Abood, 40;
 - (Pharmaceutical)
 - And health planning — issues and opportunities. The 1979 AACP Argus Commission report, W.J. Kinnard Jr. *et al.*, 385;
 - Impact of practice-based instruction on graduate programs in the pharmaceutical sciences, G. Zografis, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375;
 - On the emergence of women in (president's section), J. E. Goyan, 300;
 - Overcoming the barriers to expanded pharmacy services, W.H. Campbell, 363;
 - Priorities of, in response to national health needs (House of Delegates approved document), 399;
 - (Pharmacy graduate), Pharmacy graduates and (Council of Sections chairman's section), J.P. Gagnon, 155.
- Enrollment report (on)
- Graduate degree programs, fall 1978, J.F. Schlegel, 280;
 - Professional degree programs in pharmacy, fall 1978, J.F. Schlegel, 266.
- Ethnic composition (schools and colleges of pharmacy)
- Comparative analysis of the Black pharmacy graduates of a predominantly Black school of pharmacy, P.R. Wells and O.L. Pierce, 203;
- Degrees conferred
- Academic year 1977-78, 45;
 - Academic year 1978-79, 420;
- Enrollment, fall 1978
- Graduate degree programs, 280;
 - Professional degree programs, 266.
- Evaluation (of)
- Effectiveness of a pharmacology laboratory by students, Multidimensional screening as a pharmacology laboratory experience, M.H. Malone *et al.*, 223;
 - Research publications (qualitative and quantitative), A simple method for the, D.L. Parsons and J.G. Strom Jr., 42;
 - Videotaped interviewing for instruction of pharmacy students, D.W. Love *et al.*, 3.
- Examinations (Mandatory periodic relicensure): alternatives and recommendations, P.G. Grussing, 244.
- Executive director (AACP), Report of the, C.A. Rodowskas Jr., 378.
- Expanding the role of the pharmacist in the modern health-care team, S.J. Locke, 365.
- Experiential learning elective course (An), Pharmaceutical sales, W. Scribner *et al.*, 229.
- Experiment(s)
- A laboratory in pharmaceutical analysis: determination of drugs of abuse in human urine by thin-layer chromatography, L.C. Bailey, 227;
 - Multidimensional screening as a pharmacology laboratory experience, M.H. Malone *et al.*, 223;
 - (Student) in pharmaceuticals: saliva concentrations of acetaminophen, P.R. Gwilt *et al.*, 124;
 - (Undergraduate) in biopharmaceutics: serum and urine bioavailability of ampicillin, A. Palmieri III, 21.
- Externships (community and institutional), Development of program guidelines for, A.G. Lipman and J.D. McMahon, 217.
- * * *
- Faculty
- Academic due process in clinical pharmacy education, E.V. Iovacchini and R.R. Abood, 40;
 - (Clinical pharmacy), A pathophysiology and pharmacotherapeutics course utilizing physicians and, L.L. Hart, 31;
 - (Practitioner-educator), trojan horse or catalyst among the disciplines? (Council of Sections chairman's section), W.H. Campbell, 428;
 - Research publications, A simple method for the qualitative and quantitative evaluation of, D.L. Parsons and J.G. Strom Jr., 42;
 - Teaching awards, It's time for (Council of Sections chairman's section), J.G. Gagnon, 56;
 - (Women pharmacy), A descriptive survey of members, M.L. Henderson, 191.
- Finance, Chair report for the Committee on, J.D. McEvilla, 396.
- Francke, Donald E., Memorial to, Anon., 65.
- * * *
- General announcements, 62, 156, 305, 435.
- General news, 65, 160, 309, 439.
- Geographical origins of the student body (schools and colleges of pharmacy)
- Graduate programs, 280;
 - Professional programs, 266.
- Gibson, Melvin R.: Meet the (new) president, M.H. Malone, 336.
- Government Affairs, Chair report for the Committee on, J.V. Bergen, 397.
- Graduate and Research Affairs, Report of the Special Committee on, T. Higuchi, 407.
- Graduate degree programs, Enrollment report on, fall 1978, J.F. Schlegel, 280.
- Graduate program(s) (in)
- Pharmaceutical sciences, Impact of practice-based instruction on, G. Zografis, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375;
 - Schools and colleges of pharmacy, 292;
 - Toxicology: administrative and educational benefits of intradepartmental management, L.W. Masten, 23.
- Graduates (Black pharmacy) of a predominantly Black school of pharmacy, Comparative analysis of the, P.R. Wells and O.L. Pierce, 203.
- Grants and awards, 67, 162, 311, 442.
- Greetings from the Association of Faculties of Pharmacy of Canada, R.E. Moskalyk, 345.
- * * *
- Hall's professionalism scale, Modification of for use with pharmacists, D.W. Schack and C.D. Hepler, 98.
- Health educators (pharmacist), Preparing, D.O. Fedder and R.S. Beardsley, 127.
- Health planning, Pharmaceutical education and — issues and opportunities. The 1979 AACP Argus Commission report, W.J. Kinnard Jr. *et al.*, 385.
- How to maximize pharmacy's contribution to society (Issue Y symposium)
- Barriers faced by pharmacists when attempting to maximize their contribution to society, D.A. Knapp, 357;
 - Expanding the role of the pharmacist in the modern health-care team, S.J. Locke, 365;
 - Overcoming the barriers that prevent community pharmacists from maximizing their contributions to health care, E.W. Baker, 359;
 - Overcoming the barriers (to)
 - Expanded pharmaceutical services — pharmaceutical education, W.H. Campbell, 363;
 - Pharmaceutical intervention in problems associated with the use of drugs — institutional pharmacy, R.P. Baumgartner Jr., 361;
 - Prescription drug use and patient education — the critical role of the pharmacist,

* * *

Impact of practice-based instruction on graduate programs in the pharmaceutical sciences, G. Zografi, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375.

Index (yearly)

Authors, 461;

Subjects and titles, 465.

Industry (pharmaceutical), American Foundation for Pharmaceutical Education survey of scientific manpower needs in the, A.B. Fisher Jr., 212.

Infectious disease course, Antibiotic prescribing review as a component of an, M.K. Speedie *et al.*, 121.

Influence (The) of residential environment on prepharmacy student achievement, C.C. Shroeder and A.A. Belmonte, 16.

Institutional pharmacy — Overcoming the barriers to pharmaceutical intervention in problems associated with the use of drugs, R.P. Baumgartner Jr., 361.

Instruction

(Competency-based experiential), Use of to introduce literature-searching skills to pharmacy orientation students, J.W. Levchuck, 105;

In radiopharmacy — a clinical approach, W.B. Hladik III *et al.*, 27;

(Practice-based), Impact of on graduate programs in the pharmaceutical sciences, G. Zografi, 367; G.E. Schumacher, 371; A response, D. R. Gourley, 374; Another response, M.C. Gerald, 375.

Instructions to authors (editor's section), M.H. Malone, 60.

Integrated, competency-based clinical curriculum (An) for doctor of pharmacy students, A.G. Lipman and J.K. Devenport, 214.

Integrated pathology-pharmacotherapeutics course (An) for doctor of pharmacy students, C.A. Johnson (KY) *et al.*, 36.

International Pharmacy Education Congress (1980), Chair report for the special committee planning the, A.I. Wertheimer, 408.

Interviewing (videotaped) for instruction of pharmacy students, Controlled evaluation of, D.W. Love *et al.*, 3.

Investigation of an area health education center clinical pharmacy program, W.L. Hightower and V.A. Yanchick, 233.

Issue Y (AAPC), Issue 1978 (AAPC). See How to maximize pharmacy's contribution to society.

Issues X, Y and Z (AAPC)

Conversion to identification by year of introduction, 413;

Current topics for 1979-80 organizational year, 413.

It's time for faculty teaching awards (Council of Sections chairman's section), J.P. Gagnon, 56.

* * *

Journals (New) and special publications, 82, 182, 327, 459.

Jenkins, Glenn L., Memorial to, G.L. Sperandio, 158.

Journal. See *American Journal of Pharmaceutical Education*.

* * *

Kirch, Ernest R., Memorial to, C.A. Blomquist, 159.

* * *

Laboratory experiment (A) in pharmaceutical analysis: determination of drugs of abuse in human urine by thin-layer chromatography, L.C. Bailey, 227.

License (pharmacy), Mandatory periodic relicensure examinations: alternatives and recommendations, P.G. Grussing, 244.

Literature-searching skills, Use of competency-based experiential instruction to introduce to pharmacy orientation students, J.W. Levchuk, 105.

Lyman Award (1979), announcement of, 306.

* * *

Management (intradepartmental), administrative and educational benefits of: A graduate program in toxicology, L.W. Masten, 23.

Mandatory periodic relicensure examinations: alternatives and recommendations, P.G. Grussing, 244.

Manpower (scientific) needs in the pharmaceutical industry, American Foundation for Pharmaceutical Education survey of, A.B. Fisher Jr., 212.

Measuring the outcomes of a pharmacy continuing education program, T.M. McKennell and P.G. Grussing, 200.

Meet the (new) president: Melvin R. Gibson, M.H. Malone, 336.

Memorial (to)

Raymond J. Bennett, Anon., 159;

Woodrow R. Byrum, J.E. Wintter, 159;

William Calvin Culpepper Sr., Anon., 438;

Donald E. Francke, Anon., 65;

Glenn L. Jenkins, G.J. Sperandio, 158;

Ernest R. Kirch, C.A. Blomquist, 159;

L. Wait Rising, J.E. Orr, 439;

Taito O. Soine, Anon., 64.

Memorials, 64, 158, 438.

Minutes (of the)

Annual meeting of directors of the American Foundation for Pharmaceutical Education, A.B. Fisher Jr., 149;

Board of Directors (AAPC), C.A. Rodowskas Jr., 52 (interim, October 13, 1978); 294 (interim, March 31, 1979); 409 (presession, July 6, 1979); 413 (post-session, July 12, 1979).

Modification of Hall's professionalism scale for use with pharmacists, D.W. Schack and C.D. Hepler, 98.

Motivation of pharmacists for participating in continuing education, M.A. Mergener and M.H. Weinswig, 195.

Multidimensional screening as a pharmacology laboratory experience, M.H. Malone *et*

al., 223.

Multivariate prediction of academic success of transfer students. II: Evaluation of the predictor equations, A. Palmieri III, 110; Corrigendum, 330.

* * *

NABPLEX scores, Relationships among student preadmission characteristics, academic performance during later years in pharmacy school and, W. Lowenthal and J.F. Wergin, 7.

New books, 83, 182, 328, 459.

New journals and special publications, 82, 182, 327, 459.

New staff members, 63, 157, 307, 436.

News (general), 65, 160, 309, 439.

* * *

On admissions (president's section), J.E. Goyan, 55.

On being a professor and onward Association — address of the president-elect, M.R. Gibson, 342.

On the emergence of women in pharmaceutical education (president's section), J.E. Goyan, 300.

On momentum — address of the president and chairman of the Board, J.E. Goyan, 339.

On teaching and research (president's section), J.E. Goyan, 153.

Overcoming the barriers (to)

Expanded pharmacy services — pharmaceutical education, W.H. Campbell, 363;

Pharmaceutical intervention in problems associated with the use of drugs — institutional pharmacy, R.P. Baumgartner Jr., 361.

Overcoming the barriers that prevent community pharmacists from maximizing their contributions to health care. E.W. Baker, 359.

* * *

Pathology-pharmacotherapeutics course (An integrated) for doctor of pharmacy students, C.A. Johnson (KY) *et al.*, 36.

Pathophysiology and pharmacotherapeutics course (A) utilizing physicians and clinical pharmacy faculty, L.L. Hart, 31.

Perceptions of pharmacy practice — BS vs PharmD students, R.J. Anderson *et al.*, 209.

Perspective, M.R. Gibson, 335.

Pharmaceutical analysis, A laboratory experiment in: determination of drugs of abuse in human urine by thin-layer chromatography, L.C. Bailey, 227.

Pharmaceutical education

And health planning — issues and opportunities. The 1979 AAPC Argus Commission report, W.J. Kinnard Jr. *et al.*, 385;

Impact of practice-based instruction on graduate programs in the pharmaceutical sciences, G. Zografi, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375;

On the emergence of women in (president's

- section), J.E. Goyan, 300;
Overcoming the barriers to expanded pharmacy services, W.H. Campbell, 363;
Priorities of, in response to national health needs (House of Delegates approved document), 399.
- Pharmaceutical industry, American Foundation for Pharmaceutical Education survey of scientific manpower needs in the, A.B. Fisher Jr., 212.
- Pharmaceutical psychology, D. Dolinsky, 261.
- Pharmaceutical sales — an experiential learning elective course, W. Scribner *et al.*, 229.
- Pharmaceutical sciences, Impact of practice-based instruction on graduate programs in the, G. Zografi, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375.
- Pharmaceutical sociology: issues in research, education and service, B.L. Svarstad, 252.
- Pharmaceutics, A student experiment in: saliva concentrations of acetaminophen, P.R. Gwilt *et al.*, 124.
- Pharmacist(s)
Barriers faced by when attempting to maximize their contributions to society, D.A. Knapp, 357.
The changing role of as evidenced by the strong vocational interest blank, T.R. Church *et al.*, 94;
(Community), Overcoming the barriers that prevent from maximizing their contributions to health care, E.W. Baker, 359;
Expanding the role of the in the modern health care team, S.J. Locke, 365;
Human sexuality and the, G.H. Jennings and M.K. Smith, 44;
Intervention in problems associated with the use of drugs, Overcoming the barriers to — institutional pharmacy, R.P. Baumgartner Jr., 361;
Measuring the outcomes of a pharmacy continuing education program, T.M. McKennell and P.G. Grussing, 200;
Modification of Hall's professionalism scale for use with, D.W. Schack and C.D. Hepler, 98;
Motivations of for participating in continuing education, M.A. Mergener and M.H. Weinswig, 195;
Overcoming the barriers to expanded pharmacy services — pharmaceutical education, W.H. Campbell, 363;
Preparing health educators, D.O. Fedder and Robert S. Beardsley, 127;
Prescription drug use and patient education — the critical role of the, P.R. Lee, 354;
(Public health), Where is the? P.J. Bush and K.W. Johnson, 249;
A test of knowledge of contraceptive methods: pharmacy students and, M.C. Smith *et al.*, 19.
- Pharmacognosy, The present and future of, N.R. Farnsworth, 239.
- Pharmacology, Multidimensional screening as a laboratory experience, M.H. Malone *et al.*, 223.
- Pharmacotherapeutics and pathophysiology course (A) utilizing physicians and clinical pharmacy faculty, L.L. Hart, 31.
- Pharmacotherapeutics-pathology course (An integrated) for doctor of pharmacy students, C.A. Johnson (KY) *et al.*, 36.
- Pharmacy
(Behavioral), C.A. Johnson (MN) and A.I. Wertheimer, 257;
(Clinical). See clinical pharmacy;
College(s) (of). See college(s) of pharmacy or see school(s) of pharmacy;
Development (of)
Behaviorally-anchored rating scales for practice, P.G. Grussing *et al.*, 115;
Domain-referenced test of competence, R.L. Holloway, 112;
Enrollment report on professional degree programs in, fall 1978; J.F. Schlegel, 266;
Graduate and pharmacy graduate education (Council of Sections chairman's section), J.P. Gagnon, 155;
(Institutional), Overcoming the barriers to pharmaceutical intervention in problems associated with the use of drugs, R.P. Baumgartner Jr., 361;
Mandatory periodic relicensure examinations: alternatives and recommendations, P.G. Grussing, 244;
School(s) (of). See school(s) of pharmacy, or see college(s) of pharmacy;
(Social) at the University of Uppsala, Sweden, J. Lilja, 236;
Supportive personnel (House of Delegates approved document), 403.
- Pharmacy Management (advertisement), 87.
- Pharmacy orientation, Use of competency-based experiential instruction to introduce literature-searching skills to students, J.W. Levchuk, 105.
- Pharmacy practice, Perceptions of — BS vs. PharmD students, R.J. Anderson *et al.*, 209.
- PharmD rotation experience: philosophy, objectives and evaluation, R.P. Evens, 133.
- Philadelphia College of Pharmacy and Science, Drug information requests at the, B. Snow, 130.
- Physicians, A pathophysiology and pharmacotherapeutics course utilizing clinical pharmacy faculty and, L.L. Hart, 31.
- Policy Development, Chair report for the Committee on, N.A. Campbell, 406.
- Practice-based instruction, Impact of on graduate programs in the pharmaceutical sciences, G. Zografi, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375.
- Practitioner-educator faculty: trojan horse or catalyst among the disciplines? (Council of Sections chairman's section), W.H. Campbell, 428.
- Preparing pharmacist health educators, D.O. Fedder and R.S. Beardsley, 127.
- Prescription drug use and patient education — the critical role of the pharmacist, P.R. Lee, 354.
- Present (The) and future of pharmacognosy, N.R. Farnsworth, 239.
- President (AACP) and chairman of the Board Address of the — On momentum, J.E. Goyan, 339;
Meet the (new): Melvin R. Gibson, M.H. Malone, 336.
- President-elect (AACP), Address of the — On being a professor and onward Association, M.R. Gibson, 342.
- President's section
On admissions, J.E. Goyan, 55;
On the emergence of women in pharmaceutical education, J.E. Goyan, 300;
On teaching and research, J.E. Goyan, 153;
What knowledge? What skills?, D.C. Brodie, 427.
- Priorities of pharmaceutical education in response to national health needs (House of Delegates approved document), 399.
- Process approach (The) to clinical pharmacy orientation — four years' experience, G.L. Snodgrass and R.J. Moleski, 142.
- Professional Affairs, Chair report for the Committee on, R.R. Berardi, 401.
- Professional degree programs in pharmacy, Enrollment report on, fall 1978, J.F. Schlegel, 266.
- Program(s)
(Clinical pharmacy), Investigation of an area health education center, W.L. Hightower and V.A. Yanchick, 233;
Development of guidelines for community and institutional externships, A.G. Lipman and J.D. McMahon, 217;
(Graduate)
In the pharmaceutical sciences, Impact of practice-based instruction on, G. Zografi, 367; G.E. Schumacher, 371; A response, D.R. Gourley, 374; Another response, M.C. Gerald, 375;
In schools and colleges of pharmacy, 292;
In toxicology: administrative and educational benefits of intradepartmental management, L.W. Masten, 23;
(Pharmacy continuing education) Measuring the outcomes of a, T.M. McKennell and P.G. Grussing, 200.
- Psychology (Pharmaceutical), D. Dolinsky, 261.
- Public Affairs, Chair report for the Committee on, W.H. Golod, 405.
- Public health pharmacist, Where is the?, P.J. Bush and K.W. Johnson, 249.
- Publications
Chair report for the Committee on, J.P. Buckley, 406;
(Research), A simple method for the qualitative and quantitative evaluation of, D.L. Parsons and J.G. Strom Jr., 42;
(Special) and new journals, 82, 182, 327, 459.
- * * *
- Radiopharmacy, Instruction in — a clinical approach, W.B. Hladik III *et al.*, 27.
- Record (The), 65, 160, 309, 439.
- Relationships among student preadmission characteristics, NABPLEX scores, and

- academic performance during later years in pharmacy school, W. Lowenthal and J.F. Wergin, 7.
- Relicensure examinations (Mandatory periodic): alternatives and recommendations, P.G. Grussing, 244.
- Report (of, on)
- Argus Commission (1979). Pharmaceutical education and health planning — issues and opportunities, W.J. Kinnard Jr. *et al.*, 385;
 - (Enrollment)
 - Graduate degree programs, fall 1978, J.F. Schlegel, 280;
 - Professional degree programs, fall 1978, J.F. Schlegel, 266; - The executive director, C.A. Rodowskas Jr., 378;
 - The *Journal* editor, M.H. Malone, 383;
 - Planning committee (AFPE), C.F. Baker, 151.
- Report (annual)
- Of the (AFPE) treasurer, D.G. Stark, 150;
 - Of the (AACP) Office (of)
 - Educational Research and Development, L. Solander, 381;
 - Public Affairs, K.M. Primack, 382;
 - Student Affairs, J.F. Schlegel, 380; - To the public and to the sponsors of the American Council on Pharmaceutical Education, D.A. Nona, 146.
- Report (chair), (for the)
- Council (of)
 - Deans, D.L. Sorby, 384;
 - Faculties, A.W. Jowdy, 303; - Committee (on)
 - Academic Affairs, S. Riegelman, 391;
 - Bylaws, R.W. Piepho, 395;
 - Finance, J.D. McEvilla, 396;
 - Government Affairs, J.V. Bergen, 397;
 - Policy Development, N.A. Campbell, 406;
 - Professional Affairs, R.R. Berardi, 401;
 - Public Affairs, W.H. Golod, 405;
 - Publications, J.P. Buckley, 406; - Special Committee (on)
 - Research and Graduate Affairs, T. Higuchi, 407;
 - Planning the 1980 International Pharmacy Education Congress, A.I. Wertheimer, 408.
- Research
- And Graduate Affairs, Chair report for the Special Committee on, T. Higuchi, 407;
 - And teaching, On (president's section), J.E. Goyan, 153.
- Residential environment on prepharmacy student achievement. The influence of, C.C. Shroeder and A.A. Belmonte, 16.
- Reviews (Book), 69, 164, 314, 445.
- Revised dispensing cost formula (biblio-errata: 9), C. Herman and E. Zabloski, 299.
- Rising, L. Wait, Memorial to, J.E. Orr, 439.
- Role (The changing) of pharmacists as evidenced by the strong vocational interest blank, T.R. Church *et al.*, 94.
- Roster of voting delegates in attendance at the 80th Annual Meeting of the AACP, 417.
- ***
- Saliva concentrations of acetaminophen: A student experiment in pharmaceuticals, P.R. Gwilt *et al.*, 124.
- School(s) of pharmacy
- (Accredited) in the United States holding membership in the AACP, 418;
 - Degrees conferred by for the academic year 1977-78, L. Solander, 45; 1978-79, L. Solander, 420;
 - Enrollment report (on)
 - Graduate degree programs, fall 1978, J.F. Schlegel, 280;
 - Professional degree programs in pharmacy, fall 1978, J.F. Schlegel, 266; - (Predominantly Black), Comparative analysis of the Black pharmacy graduates of a, P.R. Wells and O.L. Pierce, 203;
 - Relationships among student preadmission characteristics, NABPLEX scores, and academic performance during later years in, W. Lowenthal and J.F. Wergin, 7.
- Scientific manpower needs in the pharmaceutical industry, American Foundation for Pharmaceutical Education survey of, A.B. Fisher Jr., 212.
- Serum and urine bioavailability of ampicillin: An undergraduate experiment in biopharmaceutics, A. Palmieri III, 21.
- Sexual discrimination, A descriptive survey of women pharmacy faculty members, M.L. Henderson, 191.
- Sexual ratios (schools and colleges of pharmacy)
- Degrees conferred, academic year 1977-78, 45; academic year 1978-79, 420;
 - On the emergence of women in pharmaceutical education (president's section), J.E. Goyan, 300.
- Sexuality (human), The pharmacist and, G.H. Jennings and M.K. Smith, 44.
- Shared authority, collective bargaining and academic governance: reactor panel remarks (Council of Faculties chairman's section), R.A. Ohvall, 57; R.V. DeNuzzo, 58; N.A. Campbell, 59.
- Simple method (A) for the qualitative and quantitative evaluation of research publications, D.L. Parsons and J.G. Strom Jr., 42.
- Social pharmacy at the University of Uppsala, Sweden, J. Lilja, 236.
- Sociology (Pharmaceutical): issues in research, education and service, B.L. Svarstad, 252.
- Soine, Taito O., Memorial to, Anon., 64.
- Special publications, New journals and, 82, 182, 327, 459.
- Staff
- Changes in titles, 63, 156, 306, 435;
 - A descriptive survey of women faculty members, M.L. Henderson, 191;
 - New members, 63, 157, 307, 436.
- Statistics
- Degrees conferred by schools and colleges of pharmacy for the academic year 1977-78, L. Solander, 45; 1978-79, L. Solander, 420;
 - Enrollment report on
 - Graduate degree programs, fall 1978, J.F. Schlegel, 280;
- Professional degree programs in pharmacy, fall 1978, J.F. Schlegel, 266.
- Strong vocational interest blank, The changing role of pharmacists as evidenced by the, T.R. Church *et al.*, 94.
- Structure (The) of chlorazepate dipotassium (biblio-errata: 8), C.W. Roscoe, 152.
- Student(s)
- Attitude toward an instructor-directed vs. student-directed method for teaching behavioral pharmacy, J.A. Kotzan and J.B. Wiederholt, 206;
 - (BS vs. PharmD), Perceptions of pharmacy practice, R.J. Anderson *et al.*, 209;
 - (Doctor of pharmacy)
 - An integrated competency-based, clinical curriculum for, A.G. Lipman and J.K. Devenport, 214;
 - An integrated pathology-pharmaco-therapeutics course for, C.A. Johnson (KY) *et al.*, 36; - Experiment in pharmaceuticals: saliva concentrations of acetaminophen, P.R. Gwilt *et al.*, 124;
 - (Handicapped) House of Delegates approved statement, 401;
 - (Pharmacy)
 - Communication apprehension in the, H.J. Baldwin *et al.*, 91;
 - Controlled evaluation of videotaped interviewing for instruction of, D.W. Love *et al.*, 3;
 - Statistics (distribution by sex, geographic origin and ethnic background among the programs and schools/colleges in the United States). *See* statistics; - (Pharmacy orientation), Use of competency-based experiential instruction to introduce literature-searching skills to, J.W. Levchuk, 105;
 - Preadmission characteristics, NABPLEX scores, and academic performance during later years in pharmacy school, Relationships among, W. Lowenthal and J.F. Wergin, 7;
 - (Prepharmacy), The influence of residential environment on achievement, C.C. Shroeder and A.A. Belmonte, 16;
 - (Self-directed/regular) Withdrawal rates in terms of aspects of, A.A. Purohit *et al.*, 11;
 - A test of knowledge of contraceptive methods: pharmacists and, M.C. Smith *et al.*, 19;
 - (Transfer), Multivariate prediction of academic success of. II: Evaluation of the predictor equations, A. Palmieri III, 110; Corrigendum, 330;
 - Withdrawal rates in terms of aspects of self-directed/regular students, A.A. Purohit *et al.*, 11.
- Supportive personnel (Pharmacy) — House of Delegates approved document, 403.
- Sweden, Social pharmacy at the University of Uppsala, J. Lilja, 236.
- ***
- Teaching awards (faculty), It's time for (Council of Sections chairman's section), J.P. Gagnon, 56.

Teaching behavioral pharmacy, Student attitude toward an instructor-directed vs. student-directed method for, J.A. Kotzan and J.B. Wiederholt, 206.

Teaching and research, On (president's section), J.E. Goyan, 153.

Test (of)

Knowledge of contraceptive methods: pharmacists and pharmacy students, M.C. Smith *et al.*, 19;

Pharmacy competence (domain-referenced), The development of a, R.L. Holloway, 112.

Toxicology, A graduate program in: administrative and educational benefits of intradepartmental management, L.W. Masten, 23.

* * *

Undergraduate experiment (An) in biopharmaceutics: serum and urine bioavailability of ampicillin, A. Palmieri III, 21.

University of Uppsala, Sweden, Social pharmacy at the, J. Lilja, 236.

Uppsala, University of, Sweden, Social pharmacy at the, J. Lilja, 236.

Urine

(Human), Determination of drugs of abuse in by thin-layer chromatography: A laboratory experiment in pharmaceutical analysis, L.C. Bailey, 227;

And serum bioavailability of ampicillin: An undergraduate experiment in biopharmaceutics, A. Palmieri III, 21.

Use of competency-based experiential instruction to introduce literature-searching skills to pharmacy orientation students, J.W. Levchuk, 105.

* * *

Videotaped interviewing for instruction of pharmacy students, Controlled evaluation of, D.W. Love *et al.*, 3.

Vocational interest blank (strong), The changing role of pharmacists as evidenced by the, T.R. Church *et al.*, 94.

Volwiler Award (1979), announcement of, 306.

Volwiler Lecture (The): Critical encounters, H.G. Floss, 347.

* * *

What knowledge? What skills? (president's section), D.C. Brodie, 427.

Where is the public health pharmacist?, P.J. Bush and K.W. Johnson, 249.

Withdrawal rates (Student) in terms of aspects of self-directed/regular students, A.A. Purohit *et al.*, 11.

Women

A descriptive survey of pharmacy faculty members, M.L. Henderson, 191;

On the emergence of in pharmaceutical education (president's section), J.E. Goyan, 300;

Sexual ratios in professional and graduate programs of schools and colleges of pharmacy in the United States. *See statistics.*

* * *



Since 1942, the AFPE has been a major source of support for pharmacy education through recruitment of undergraduate scholarships, graduate fellowships, sabbatical and Pharmacy Teachers' Seminars.

Today, one out of five Pharmacy College Teachers is an AFPE Fellow. Through AFPE, you can make an important personal contribution to the support of many deserving men and women.

American Foundation for Pharmaceutical Education

300 Park Plaza Building, 14-25 Park Plaza

East Lake, New Jersey 07410

(Circulate this information)